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LOCUS      AAB62676                      204 aa                      linear      VRL 09-JUL-2001

DEFINITION   ORF K2, vIL-6, functional interleukin-6 homolog [Human herpesvirus 8].

ACCESSION      AAB62676

VERSION        AAB62676.2    GI:14627176

DBSOURCE       locus U93872 accession U93872.2

KEYWORDS       .

SOURCE        Human herpesvirus 8 (Kaposi's sarcoma-associated herpesvirus -

                 Human herpesvirus 8)

ORGANISM       Human herpesvirus 8  
                 Viruses; dsDNA viruses, no RNA stage; Herpesviridae;

                 Gammaherpesvirinae; Rhadinovirus.

REFERENCE      1 (residues 1 to 204)

AUTHORS        Neipel,F., Albrecht,J.C. and Fleckenstein,B.

TITLE           Cell-homologous genes in the Kaposi's sarcoma-associated

                 rhadinovirus human herpesvirus 8: determinants of its

                 pathogenicity?

JOURNAL        J. Virol. 71 (6), 4187-4192 (1997)

MEDLINE        97296220

PUBMED        9151804

REFERENCE      2 (residues 1 to 204)

AUTHORS        Neipel,F., Albrecht,J.-C., Ensser,A., Huang,Y.-Q., Li,J.J.,

                 Friedman-Kien,A.E. and Fleckenstein,B.

TITLE           The genome of human herpesvirus 8 cloned from Kaposi's sarcoma

JOURNAL        Unpublished

REFERENCE      3 (residues 1 to 204)

AUTHORS        Neipel,F., Albrecht,J.-C., Ensser,A., Huang,Y.-Q., Li,J.J.,

                 Friedman-Kien,A.E. and Fleckenstein,B.

TITLE           Direct Submission

JOURNAL        Submitted (17-MAR-1997) Virology, University of Erlangen,  
                 Schlossgarten 4, Institut for Klinische und Molekulare, Erlangen

                 91054, Germany

REFERENCE      4 (residues 1 to 204)

AUTHORS        Neipel,F., Albrecht,J.-C., Ensser,A., Huang,Y.-Q., Li,J.J.,

                 Friedman-Kien,A.E. and Fleckenstein,B.

TITLE           Direct Submission

JOURNAL        Submitted (09-JUL-2001) Virology, University of Erlangen,  
                 Schlossgarten 4, Institut for Klinische und Molekulare, Erlangen

                 91054, Germany

REMARK        Sequence update by submitter

COMMENT       On Jul 9, 2001 this sequence version replaced gi:2246551.

                 Method: conceptual translation supplied by author.

FEATURES       Location/Qualifiers

    source       1..204  
                 /organism="Human herpesvirus 8"  
                 /db\_xref="taxon:37296"  
                 /note="sequence derived from overlapping Lambda phage  
                 clones isolated from two libraries of Sau3A partially  
                 digested DNA from Kaposi's sarcoma biopsies"

Protein     1..204  
                 /name="ORF K2, vIL-6, functional interleukin-6 homolog"

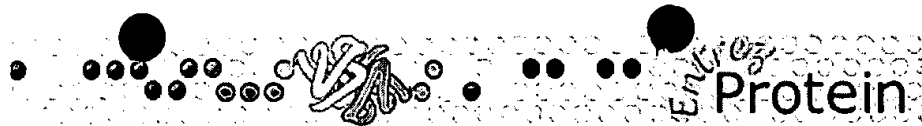
CDS        1..204  
                 /coded\_by="complement(U93872.2:17242..17856)"

ORIGIN        1 mcwfklwsil lvgsllvsqt rgklpdapef ekdliliqln wmlwvidecf rdlcyrtgic

                 61 kgilepaaif hklkpaendt dhcgligfne tsclkkldag ffefevlfkf lttefgksvi

                 121 nvdvmelltk tlgdwdeqel nkltkthysp pkfdrgllgr lqglkywvrh fasfyvlam

                 181 ekfagqavrv insipdvtpd vhdK



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Search  for

Limits

☐ 1: NP\_572060. ORF K2; functiona...[gi:18845974]

[BLink](#), [Domains](#), [Links](#)

LOCUS NP\_572060 204 aa linear VRL 12-JAN-2004  
DEFINITION ORF K2; functional interleukin-6 vIL-6 homolog [Human herpesvirus 8].

ACCESSION NP\_572060  
VERSION NP\_572060.1 GI:18845974  
DBSOURCE REFSEQ: accession [NC 003409.1](#)  
KEYWORDS .

SOURCE Human herpesvirus 8 (Kaposi's sarcoma-associated herpesvirus - Human herpesvirus 8)

ORGANISM Human herpesvirus 8  
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;  
Gammaherpesvirinae; Rhadinovirus.

REFERENCE 1 (residues 1 to 204)  
AUTHORS Russo,J.J., Bohenzky,R.A., Chien,M.-C., Chen,J., Yan,M.,  
Maddalena,D., Parry,J.P., Peruzzi,D., Edelman,I.S., Chang,Y. and  
Moore,P.S.

TITLE Nucleotide sequence of the Kaposi sarcoma-associated herpesvirus (HHV8)

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 93 (25), 14862-14867 (1996)

MEDLINE [97121480](#)

PUBMED [8962146](#)

REFERENCE 2 (residues 1 to 204)  
AUTHORS Moore,P.S., Boshoff,C., Weiss,R.A. and Chang,Y.  
TITLE Molecular mimicry of human cytokine and cytokine response pathway genes by KSHV

JOURNAL Science 274 (5293), 1739-1744 (1996)

MEDLINE [97094384](#)

PUBMED [8939871](#)

REFERENCE 3 (residues 1 to 204)  
AUTHORS Russo,J.J., Bohenzky,R.A., Chien,M.-C., Chen,J., Yan,M.,  
Maddalena,D., Parry,J.P., Peruzzi,D., Edelman,I.S., Chang,Y. and  
Moore,P.S.  
TITLE Direct Submission  
JOURNAL Submitted (02-MAY-1997) Dept of Pathology/Genome Center/Division of  
Epidemiology, Columbia University, 650 West 168th Street, New York,  
NY 10032, USA

REMARK Sequence update by submitter

REFERENCE 4 (residues 1 to 204)  
AUTHORS Russo,J.J., Bohenzky,R.A., Chien,M.-C., Chen,J., Yan,M.,  
Maddalena,D., Parry,J.P., Peruzzi,D., Edelman,I.S., Chang,Y. and  
Moore,P.S.  
TITLE Direct Submission  
JOURNAL Submitted (17-OCT-1996) Dept of Pathology/Genome Center/Division of  
Epidemiology, Columbia University, 650 West 168th Street, New York,  
NY 10032, USA

COMMENT REVIEWED REFSEQ: This record has been curated by NCBI staff. The  
reference sequence was derived from [AAC57089](#).  
Method: conceptual translation.

FEATURES  
source Location/Qualifiers  
1..204  
/organism="Human herpesvirus 8"  
/db\_xref="taxon:37296"  
/cell\_line="BC-1; virally infected primary effusion  
lymphoma derived cell line"  
/note="sequence derived from overlapping lambda phage and  
cosmid clones isolated from libraries; A prototype  
sequence for the terminal repeat (TR) unit is deposited  
under GenBank Accession Number U75699. The left junction

variant T sequence unit immediately preceding se pair 1  
of the LUR is deposited under GenBank Accession Number  
U75700. The remaining LUR sequence extending from this  
sequence to the right TR unit is not available due to  
difficulties in cloning and sequencing of this region"

Protein

1..204

/name="ORF K2; functional interleukin-6 vIL-6 homolog"

CDS

1..204

/locus\_tag="HHV8gp09"

/coded\_by="complement(NC\_003409.1:17261..17875)"

/db\_xref="GeneID:935098"

ORIGIN

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121 nvdvmelltk tlgwdiqeel nkltkthysp pkfdrgllgr lqglkywvrh fasfyvlsam
181 ekfaggavrv ldsipdvtpd vhdck
```

//

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Mar 24 2004 12:08:16